Gualtiero Piccinini

List of Publications by Year
in descending order

50	2,116	304743	265206
papers	citations	22 h-index	42 g-index

54	54	54	670
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integrating psychology and neuroscience: functional analyses as mechanism sketches. SynthÃˆse, 2011, 183, 283-311.	1.1	294
2	Information processing, computation, and cognition. Journal of Biological Physics, 2011, 37, 1-38.	1.5	134
3	Computing Mechanisms. Philosophy of Science, 2007, 74, 501-526.	1.0	125
4	Computation without Representation. Philosophical Studies, 2008, 137, 205-241.	0.8	120
5	The cognitive neuroscience revolution. SynthÃˆse, 2016, 193, 1509-1534.	1.1	115
6	Neural Computation and the Computational Theory of Cognition. Cognitive Science, 2013, 37, 453-488.	1.7	114
7	The First Computational Theory of Mind and Brain: A Close Look at Mcculloch and Pitts's â€œLogical Calculus of Ideas Immanent in Nervous Activityâ€• SynthÃˆse, 2004, 141, 175-215.	1.1	111
8	INFORMATION WITHOUT TRUTH. Metaphilosophy, 2010, 41, 313-330.	0.3	73
9	Splitting Concepts*. Philosophy of Science, 2006, 73, 390-409.	1.0	70
10	The Mind as Neural Software? Understanding Functionalism, Computationalism, and Computational Functionalism. Philosophy and Phenomenological Research, 2010, 81, 269-311.	0.8	63
11	Computational modelling vs. Computational explanation: Is everything a Turing Machine, and does it matter to the philosophy of mind?1. Australasian Journal of Philosophy, 2007, 85, 93-115.	0.8	52
12	Mechanistic Abstraction. Philosophy of Science, 2016, 83, 686-697.	1.0	44
13	Functionalism, Computationalism, and Mental Contents. Canadian Journal of Philosophy, 2004, 34, 375-410.	0.9	40
14	Computational explanation in neuroscience. SynthÃˆse, 2006, 153, 343-353.	1.1	39
15	Computation vs. information processing: why their difference matters to cognitive science. Studies in History and Philosophy of Science Part A, 2010, 41, 237-246.	1.2	38
16	Functionalism, computationalism, and mental states. Studies in History and Philosophy of Science Part A, 2004, 35, 811-833.	1.2	37
17	The Physical Churchâ€“Turing Thesis: Modest or Bold?. British Journal for the Philosophy of Science, 2011, 62, 733-769.	2.3	36
18	Some neural networks compute, others donâ€™t. Neural Networks, 2008, 21, 311-321.	5.9	33

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19	Computationalism in the Philosophy of Mind. Philosophy Compass, 2009, 4, 515-532.	1.3	32
20	Alan Turing and the Mathematical Objection. Minds and Machines, 2003, 13, 23-48.	4.8	28
21	Foundations of computational neuroscience. Current Opinion in Neurobiology, 2014, 25, 25-30.	4.2	26
22	Neural Representations Observed. Minds and Machines, 2018, 28, 191-235.	4.8	26
23	Towards a Cognitive Neuroscience of Intentionality. Minds and Machines, 2018, 28, 119-139.	4.8	25
24	Turing's Rules for the Imitation Game. Minds and Machines, 2000, 10, 573-582.	4.8	23
25	Is Consciousness a Spandrel?. Journal of the American Philosophical Association, 2015, 1, 365-383.	0.4	18
26	Computationalism, The Churchâ€“Turing Thesis, and the Churchâ€“Turing Fallacy. SynthÃˆse, 2007, 154, 97-120.	1.1	17
27	Epistemic divergence and the publicity of scientific methods. Studies in History and Philosophy of Science Part A, 2003, 34, 597-612.	1.2	16
28	Computation and Representation in Cognitive Neuroscience. Minds and Machines, 2018, 28, 1-6.	4.8	14
29	Situated Neural Representations: Solving the Problems of Content. Frontiers in Neurorobotics, 2022, 16, 846979.	2.8	13
30	The Metaphysics of Mind and the Multiple Sources of Multiple Realizability. , 2014, , 125-152.		11
31	The Ways of Altruism. Evolutionary Psychological Science, 2019, 5, 58-70.	1.3	10
32	The Resilience of Computationalism. Philosophy of Science, 2010, 77, 852-861.	1.0	8
33	Quantum-like behavior without quantum physics II. A quantum-like model of neural network dynamics. Journal of Biological Physics, 2018, 44, 501-538.	1.5	7
34	The Computational Theory of Cognition. Synthese Library, 2016, , 203-221.	0.2	6
35	Theory and Method in the Neurosciences. Peter K. Machamer , Rick Grush , Peter McLaughlin. Philosophy of Science, 2001, 68, 584-588.	1.0	5
36	Jean-Pierre Dupuy, The Mechanization of Mind: On the Origins of Cognitive Science. Minds and Machines, 2002, 12, 448-453.	4.8	5

#	Article	IF	Citations
37	Recovering What Is Said With Empty Names. Canadian Journal of Philosophy, 2010, 40, 239-273.	0.9	5
38	Quantum-like behavior without quantum physics I. Journal of Biological Physics, 2017, 43, 415-444.	1.5	5
39	Get the Latest Upgrade: Functionalism 6.3.1. Philosophia Scientiae, 2013, , 135-149.	0.1	4
40	Access Denied to Zombies. Topoi, 2017, 36, 81-93.	1.3	3
41	Quantum-like behavior without quantum physics III. Journal of Biological Physics, 2019, 45, 335-366.	1.5	3
42	The ontology of creature consciousness: A challenge for philosophy. Behavioral and Brain Sciences, 2007, 30, 103-104.	0.7	2
43	The Mind as Neural Software? Understanding Functionalism, Computationalism, and Computational Functionalism. SSRN Electronic Journal, 2010, , .	0.4	2
44	Are prototypes and exemplars used in distinct cognitive processes?. Behavioral and Brain Sciences, 2010, 33, 226-227.	0.7	1
45	Computation vs. Information Processing: Why Their Difference Matters to Cognitive Science. SSRN Electronic Journal, 0, , .	0.4	1
46	Computationalism. , 2012, , .		1
47	Neural Representation and Computation. , 2015, , 79-94.		1
48	The Evolution of Psychological Altruism. Philosophy of Science, 2018, 85, 1054-1064.	1.0	1
49	Information Processing, Computation, and Cognition. SSRN Electronic Journal, 2010, , .	0.4	0
50	Editorial Note for the Spcial Issue (I and II). Journal of Cognitive Science, 2013, 14, 110-110.	0.2	0